

What is Claimed is:

1. A spectacles set comprising a primary spectacle frame and a detachable shelter frame adapted for detachably mounting in front of said primary spectacle frame:

5 said primary spectacle frame comprises a frame body mounting a pair of lenses in position, wherein said frame body comprises a primary bridge connected between said two lenses, two nose supports extended from two inner sides of said lenses respectively, and two side extensions provided at two outer sides of said lenses for coupling a pair of temples respectively;

10 each of said nose supports comprising a supporting member and an extension arm which has a distal end portion extended from said supporting member and a root end portion extended from said inner side of said respective lens, wherein each of said extension arms has magnetic attraction ability; and

15 said detachable shelter frame comprising a shelter frame for supporting two auxiliary lenses and a pair of magnetic attachment arrangements connected to said shelter frame, wherein each of said magnetic attachment arrangements comprises a supporting arm extending rearwardly from an inner side of said shelter frame towards said respective extension arm and a magnetic seat which is connected to said supporting arm and extended to magnetically attach said respective extension arm of said primary spectacle frame so as to securely hold said shelter frame in front of said primary spectacle frame.

20 2. The spectacles set, as recited in claim 1, wherein each of said extension arms is bent to form a shoulder portion between said distal end and said root end portion to magnetically engage with said respective magnetic seat, so as to magnetically mount said detachable shelter frame in front of said primary spectacle frame.

25 3. The spectacles set, as recited in claim 2, wherein said two supporting arms are in L-shaped and extended from said shelter frame to ride on said primary bridge, wherein said two magnetic seats comprises a magnetic housing extended from a rear end of said respective supporting arm towards said respective extension arm and a magnet mounted in said magnetic housing which is arranged to face toward and align with said

shoulder portion of said respective extension arm of said nose support when said detachable shelter frame is mounted in front of said primary spectacle frame.

4. The spectacles set, as recited in claim 3, wherein each of said magnets has a thickness smaller than a depth of said respective magnetic housing to define an engaging groove when said magnet is embedded in said magnetic housing for fittedly engaging with said shoulder portion of said respective nose support.

5. The spectacles set, as recited in claim 3, wherein each of said magnetic seats, having a U-shaped cross section, is downwardly and suspendedly affixed to said rear end of said respective supporting arm to fittedly engage with said shoulder portion of said respective extension arm.

6. The spectacles set, as recited in claim 4, wherein each of said magnetic seats, having a U-shaped cross section, is downwardly and suspendedly affixed to said rear end of said respective supporting arm to fittedly engage with said shoulder portion of the respective extension arm.

7. The spectacles set, as recited in claim 3, wherein each of said magnetic seats having a L-shaped cross section defines a sidewall to bias against said shoulder portion of said respective extension arm, wherein said magnet is received at said sidewall of said magnetic housing to magnetically engage with said shoulder portion of said respective extension arm.

8. The spectacles set, as recited in claim 4, wherein each of said magnetic seats having a L-shaped cross section defines a sidewall to bias against said shoulder portion of said respective extension arm, wherein said magnet is received at said sidewall of said magnetic housing to magnetically engage with said shoulder portion of said respective extension arm.

9. The spectacles set, as recited in claim 1, wherein each of said extension arms is bent to form an angled neck portion between said distal end and said root end portion to magnetically engage with said respective magnetic seat, so as to magnetically mount said detachable shelter frame in front of said primary spectacle frame.

10. The spectacles set, as recited in claim 9, wherein said two supporting arms are in L-shaped and extended from said shelter frame to ride on said primary bridge, wherein said two magnetic seats comprises a magnetic housing extended from a rear end of said respective supporting arm towards said respective extension arm and a magnet
5 mounted in said magnetic housing which is arranged to face toward and align with said angled neck portion of said respective extension arm of said nose support when said detachable shelter frame is mounted in front of said primary spectacle frame.

11. The spectacles set, as recited in claim 10, wherein each of said magnets has a thickness smaller than a depth of said respective magnetic housing to define an
10 engaging groove when said magnet is embedded in said magnetic housing for fittedly engaging with said angled neck portion of said respective nose support.

12. The spectacles set, as recited in claim 11, wherein each of said magnetic housings further has at least an edge opening formed at a surrounding wall thereof to communicate with said engaging groove for fittedly interlocking with said angled neck
15 portion of said respective extension arm so as to securely mount said detachable shelter frame in front of said primary spectacle frame.

13. The spectacles set, as recited in claim 1, wherein said two supporting arms are in L-shaped and extended from said shelter frame to ride on said primary bridge, wherein said two magnetic seats comprises a magnetic housing extended from a rear end
20 of said respective supporting arm towards said respective extension arm and a magnet mounted in said magnetic housing which is arranged to face toward and align with said distal end of said respective extension arm when said detachable shelter frame is mounted in front of said primary spectacle frame.

14. The spectacles set, as recited in claim 13, wherein each of said magnets has a thickness smaller than a depth of said respective magnetic housing to define an
25 engaging groove when said magnet is embedded in said magnetic housing for fittedly engaging with said distal end portion of said respective extension arm.

15. The spectacles set, as recited in claim 1, wherein said two supporting arms are rearwardly extended from two lower portions of said two inner sides of said shelter
30 frame respectively towards said extension arms, wherein said two magnetic seats comprises a magnetic housing extended from a rear end of said respective supporting arm

towards said respective extension arm and a magnet mounted in said magnetic housing which is arranged to face toward and align with said respective extension arm of said nose support when said detachable shelter frame is mounted in front of said primary spectacle frame.

5 16. The spectacles set, as recited in claim 15, wherein each of said magnets has a thickness smaller than a depth of said respective magnetic housing to define an engaging groove when said magnet is embedded in said magnetic housing for fittedly engaging with said shoulder portion of said respective nose support.

10 17. The spectacles set, as recited in claim 15, wherein each of said magnetic seats, having a U-shaped cross section, is rearwardly and suspendedly affixed to said rear end of said respective supporting arm to fittedly engage with said respective extension arm.

15 18. The spectacles set, as recited in claim 16, wherein each of said magnetic seats, having a U-shaped cross section, is rearwardly and suspendedly affixed to said rear end of said respective supporting arm to fittedly engage with said respective extension arm.

20 19. The spectacles set, as recited in claim 16, wherein said shelter frame further comprises a bridge clip extended between said two auxiliary lenses for detachably riding on said primary bridge so as to securely mount said detachable shelter frame in front of said primary spectacle frame.

 20. The spectacles set, as recited in claim 18, wherein said shelter frame further comprises a bridge clip extended between said two auxiliary lenses for detachably riding on said primary bridge so as to securely mount said detachable shelter frame in front of said primary spectacle frame.

25 21. The spectacles set, as recited in claim 1, wherein said two supporting arm are integrally extended from said two inner sides of said auxiliary lenses towards said nose supports, wherein each of said magnetic seats comprises a magnetic housing provided at an outer side of said respective supporting arm and a magnet mounted in said magnetic housing, which is arranged to face toward and align with said root end portion

of said respective nose support when said detachable shelter frame is mounted in front of said primary spectacle frame.

22. The spectacles set, as recited in claim 21, wherein said shelter frame further comprises a bridge clip extended between said two auxiliary lenses for detachably riding on said primary bridge so as to securely mount said detachable shelter frame in front of said primary spectacle frame.